

ABSTRACT OF THE INVENTION

2 A modular fire detection and extinguishing system is disclosed that is
3 inexpensive, compact, and modular to allow easy aftermarket installation in a variety of
4 vehicles. The system may include a detector, a trigger coupled to the detector and a gas
5 generant fire extinguisher, a modular distribution line in fluid communication with the
6 extinguisher and a nozzle. The system allows exhaust gas from the gas generant fire
7 extinguisher to carry dry powdered fire suppressant from the fire extinguisher and
8 through the nozzle to disperse the fire suppressant substantially uniformly throughout a
9 fire hazard zone. The extinguisher is installed such that exhaust gas must aerate
10 substantially all the fire suppressant before exiting the extinguisher.

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